

## Massachusetts Division of Energy Resources (DOER)

# 2004 Electric Power Customer Migration Data

The data tables below illustrate the migration of electric power customers in Massachusetts from incumbent generation sources to competitive generation sources for 2004, by month.

Notes and other information about these tables can be found at the bottom of this page.

December 2004	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,250,634	923,663,905	799,886	466,614,771	58,498	34,117,745
Residential - Low Income	110,881	66,884,426	27,425	15,793,029	944	642,455
Residential - Time-Of-Use	339	1,943,633	44	97,217	3	103,162
Small Commercial & Industrial	132,169	186,846,441	110,699	133,980,384	17,639	37,891,112
Medium Commercial & Industrial	24,570	300,773,454	17,188	175,774,462	4,775	96,692,150
Large Commercial & Industrial	2,630	457,722,038	2,087	281,802,917	2,132	794,389,999
Farms	545	1,342,330	65	189,901	1	7,328
Street Lights	12,384	20,529,295	2,841	4,292,384	1,335	9,324,028
<b>Total Sales to Ultimate Consumers</b>	1,534,152	1,959,705,522	960,235	1,078,545,064	85,327	973,167,979

November 2004	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,241,580	752,797,289	767,564	367,960,719	58,899	29,869,159
Residential - Low Income	114,553	55,606,480	32,408	15,398,394	989	551,042
Residential - Time-Of-Use	336	1,215,112	43	75,040	4	85,150
Small Commercial & Industrial	131,393	173,286,406	107,938	118,993,180	17,724	36,604,604
Medium Commercial & Industrial	24,574	278,187,285	16,610	159,464,560	4,974	94,150,312
Large Commercial & Industrial	2,566	429,513,945	1,021	214,374,380	2,232	787,647,003
Farms	548	1,321,962	66	169,316	1	8,939
Street Lights	12,340	18,214,221	2,812	3,515,823	1,344	11,470,209
<b>Total Sales to Ultimate Consumers</b>	1,527,890	1,710,142,701	928,462	879,951,412	86,167	960,383,419

October 2004	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,254,239	754,810,349	767,185	353,812,939	58,781	30,216,347

<b>Residential - Low Income</b>	124,530	57,192,868	33,119	14,538,378	1,028	521,353
<b>Residential - Time-Of-Use</b>	347	918,745	48	57,092	4	37,179
<b>Small Commercial &amp; Industrial</b>	133,250	185,111,438	107,784	125,675,026	17,851	40,123,152
<b>Medium Commercial &amp; Industrial</b>	25,127	294,044,486	16,669	175,160,890	5,091	103,518,947
<b>Large Commercial &amp; Industrial</b>	2,619	485,774,270	1,937	252,739,163	2,283	853,576,894
<b>Farms</b>	547	8,991,112	62	115,757	1	9,585
<b>Street Lights</b>	12,334	18,148,018	2,825	3,503,427	1,332	8,651,531
<b>Total Sales to Ultimate Consumers</b>	1,552,993	1,804,991,286	929,629	925,602,672	86,371	1,036,654,987

<b>September 2004</b>	<b>Incumbent Generation</b>				<b>Competitive Generation</b>	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
<b>Residential - Non Low Income</b>	1,263,273	930,218,123	766,989	421,901,716	58,580	38,765,876
<b>Residential - Low Income</b>	126,723	69,113,900	33,678	17,495,236	1,056	607,639
<b>Residential - Time-Of-Use</b>	343	895,081	46	75,897	4	40,921
<b>Small Commercial &amp; Industrial</b>	134,826	212,489,626	107,402	136,847,306	17,987	46,675,663
<b>Medium Commercial &amp; Industrial</b>	25,619	338,029,635	16,779	192,575,960	5,188	114,083,941
<b>Large Commercial &amp; Industrial</b>	2,687	503,342,112	1,963	272,427,654	2,282	903,521,615
<b>Farms</b>	555	1,367,942	59	123,041	1	10,424
<b>Street Lights</b>	12,365	16,748,578	2,795	3,203,547	1,309	8,231,078
<b>Total Sales to Ultimate Consumers</b>	1,566,391	2,072,204,997	929,711	1,044,650,357	86,407	1,111,937,157

<b>August 2004</b>	<b>Incumbent Generation</b>				<b>Competitive Generation</b>	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
<b>Residential - Non Low Income</b>	1,260,120	941,484,508	747,129	414,088,430	58,157	40,646,328
<b>Residential - Low Income</b>	127,295	71,366,859	33,019	17,249,235	1,061	613,884
<b>Residential - Time-Of-Use</b>	350	866,505	47	61,274	4	37,840
<b>Small Commercial &amp; Industrial</b>	134,104	214,745,785	105,676	135,118,511	17,959	46,659,879
<b>Medium Commercial &amp; Industrial</b>	25,222	327,329,977	16,361	180,948,628	5,110	101,997,180
<b>Large Commercial &amp; Industrial</b>	2,685	511,539,034	1,905	286,060,203	2,193	835,727,612
<b>Farms</b>	548	1,454,437	59	128,425	1	10,343
<b>Street Lights</b>	12,208	14,664,353	2,732	2,742,917	1,251	7,249,822
<b>Total Sales to Ultimate Consumers</b>	1,563,162	2,083,451,459	906,928	1,036,397,623	85,736	1,032,942,788

<b>July 2004</b>	<b>Incumbent Generation</b>				<b>Competitive Generation</b>	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
<b>Residential - Non Low Income</b>	1,270,736	877,935,356	738,000	379,187,229	58,009	36,022,108
<b>Residential - Low Income</b>	127,962	65,806,292	33,280	16,113,042	1,107	596,222

<b>Residential - Time-Of-Use</b>	344	750,385	48	61,516	4	40,234
<b>Small Commercial &amp; Industrial</b>	135,186	212,004,322	104,881	130,862,322	18,021	45,749,407
<b>Medium Commercial &amp; Industrial</b>	25,387	325,824,142	16,193	176,720,148	5,157	107,542,415
<b>Large Commercial &amp; Industrial</b>	2,715	508,698,557	1,926	282,893,943	2,184	846,952,604
<b>Farms</b>	548	1,300,981	61	205,298	1	11,271
<b>Street Lights</b>	12,228	13,823,063	2,738	2,112,222	1,247	5,948,552
<b>Total Sales to Ultimate Consumers</b>	1,575,106	2,006,143,099	897,126	988,155,720	85,730	1,042,862,812

June 2004	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
<b>Residential - Non Low Income</b>	1,273,025	774,887,420	730,460	329,280,806	57,721	28,658,561
<b>Residential - Low Income</b>	129,471	60,727,071	32,308	14,261,460	1,122	542,578
<b>Residential - Time-Of-Use</b>	349	976,062	48	61,558	4	51,506
<b>Small Commercial &amp; Industrial</b>	135,378	189,485,209	103,832	118,676,624	18,069	40,730,473
<b>Medium Commercial &amp; Industrial</b>	25,892	305,268,234	16,288	162,461,878	5,274	103,552,783
<b>Large Commercial &amp; Industrial</b>	2,744	482,336,933	1,897	258,442,018	2,234	808,822,195
<b>Farms</b>	547	1,203,625	61	210,013	1	8,619
<b>Street Lights</b>	12,184	13,266,612	2,706	2,991,722	1,249	5,900,151
<b>Total Sales to Ultimate Consumers</b>	1,579,590	1,828,151,161	887,600	886,386,079	85,674	988,266,866

May 2004	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
<b>Residential - Non Low Income</b>	1,311,386	730,306,492	747,877	317,933,948	59,501	27,333,511
<b>Residential - Low Income</b>	133,326	59,801,623	33,017	14,092,269	1,156	571,481
<b>Residential - Time-Of-Use</b>	355	1,302,418	53	88,806	4	56,471
<b>Small Commercial &amp; Industrial</b>	139,621	181,227,334	105,225	110,463,059	18,666	38,446,701
<b>Medium Commercial &amp; Industrial</b>	26,504	298,314,239	16,394	162,689,515	5,381	98,909,461
<b>Large Commercial &amp; Industrial</b>	2,822	473,947,548	1,901	243,067,113	2,301	802,234,551
<b>Farms</b>	547	1,187,605	61	212,695	1	7,513
<b>Street Lights</b>	12,611	14,597,758	2,811	3,379,185	1,265	5,810,203
<b>Total Sales to Ultimate Consumers</b>	1,627,172	1,760,685,016	907,339	851,926,590	88,275	973,369,892

April 2004	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,277,089	794,537,882	720,072	355,365,501	55,768	29,094,746
Residential - Low Income	130,033	67,701,092	30,580	15,253,989	1,044	640,122
Residential - Time-Of-Use	345	1,525,382	44	88,375	4	76,098

<b>Small Commercial &amp; Industrial</b>	135,741	184,858,377	101,643	113,738,379	17,755	36,914,758
<b>Medium Commercial &amp; Industrial</b>	25,997	300,688,723	15,584	152,021,741	5,303	96,137,628
<b>Large Commercial &amp; Industrial</b>	2,764	457,538,532	1,772	234,586,315	2,228	750,493,327
<b>Farms</b>	546	1,344,867	57	219,135	1	2,156
<b>Street Lights</b>	11,994	16,297,795	2,612	3,781,228	1,209	6,810,787
<b>Total Sales to Ultimate Consumers</b>	1,584,509	1,824,492,651	872,364	875,049,663	83,312	920,169,622

March 2004	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
Residential - Non Low Income	1,282,912	881,372,218	706,969	391,555,412	58,273	33,542,870
Residential - Low Income	128,319	74,519,221	30,128	16,527,105	1,074	737,862
Residential - Time-Of-Use	349	2,094,714	47	118,656	4	14,743
Small Commercial & Industrial	136,584	202,383,164	100,150	121,698,964	18,283	39,473,490
Medium Commercial & Industrial	26,328	321,351,803	15,682	160,757,733	5,209	102,258,968
Large Commercial & Industrial	2,834	516,325,839	1,800	279,682,760	2,164	730,757,808
Farms	545	1,405,199	60	250,504	1	708
Street Lights	12,210	19,477,795	2,658	4,320,190	1,201	7,149,974
Total Sales to Ultimate Consumers	1,509,081	2,018,929,954	857,494	974,911,325	86,209	916,936,423

February 2004	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
<b>Residential - Non Low Income</b>	1,304,631	1,004,211,748	722,975	453,084,523	59,040	40,492,332
<b>Residential - Low Income</b>	130,066	81,280,730	29,036	18,045,878	1,088	857,793
<b>Residential - Time-Of-Use</b>	352	2,526,349	48	128,710	3	16,316
<b>Small Commercial &amp; Industrial</b>	139,131	217,898,349	100,806	127,898,544	18,345	41,820,769
<b>Medium Commercial &amp; Industrial</b>	26,665	339,513,421	15,568	167,195,220	5,215	103,769,516
<b>Large Commercial &amp; Industrial</b>	2,898	529,560,223	1,801	271,989,812	2,125	750,083,767
<b>Farms</b>	568	1,397,481	78	251,768	1	1,254
<b>Street Lights</b>	12,417	17,697,965	2,697	4,529,248	1,209	7,753,037
<b>Total Sales to Ultimate Consumers</b>	1,616,728	2,194,086,360	873,009	1,043,123,704	87,027	944,794,783

January 2004	Incumbent Generation				Competitive Generation	
	Total Number of Standard Offer Service Customers	kWh Used by Standard Offer Customers for Month	Total Number of Default Service Customers	kWh Used by Default Service Customers for Month	Total Number of Competitive Generation Customers	kWh of Competitive Generation Used for Month
<b>Residential - Non Low Income</b>	1,315,791	1,115,635,587	716,915	474,714,393	61,260	42,880,820
<b>Residential - Low Income</b>	130,971	90,209,510	26,089	17,172,338	1,135	926,793
<b>Residential - Time-Of-Use</b>	361	2,480,276	47	136,778	3	15,896
<b>Small Commercial &amp; Industrial</b>	140,698	226,419,365	99,932	128,258,375	18,765	44,903,647

<b>Medium Commercial &amp; Industrial</b>	27,083	359,542,137	15,273	169,431,338	5,394	114,708,971
<b>Large Commercial &amp; Industrial</b>	2,960	578,163,440	1,695	241,491,941	2,230	842,235,978
<b>Farms</b>	562	1,693,741	59	250,373	1	5,454
<b>Street Lights</b>	11,931	21,794,051	2,648	6,163,842	1,078	8,312,414
<b>Total Sales to Ultimate Consumers</b>	1,630,357	2,395,938,107	862,658	1,037,619,379	89,866	1,053,989,974

**Notes and definitions:**

All data were collected from investor-owned distribution companies, who reported data by their respective rate classes. Each company reported two data elements each for standard offer, default, and competitive generation service: (1) the number of customers on the last day of the month, and (2) the kilowatthours (kWh) used during the entire month.

Data for residential, farm, and street-lights rate classes are shown as reported by the distribution companies. The remaining rate-class data were aggregated by DOER as follows: small commercial and industrial (C&I) includes rate classes with average monthly usage levels below or equal to 3,000 kWh/month; medium C&I includes rate classes with average monthly usage levels greater than 3,000 kWh/month but less than or equal to 120,000 kWh/month; large C&I includes rate classes with average monthly usage levels greater than 120,000 kWh/month. DOER chose this particular aggregation scheme to simplify the reported data. DOER does not endorse any particular conclusions or findings that may result from the data.

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